

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	second adj (SGSN or core adj network) and second adj (BSS or RNC) and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 09:14
S2	1	second adj (SGSN or core adj network) and second adj (BSS or RNC) and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and \$registrat\$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:43
S3	1	second adj (SGSN or core adj network) and second adj (BSS or RNC) and (routing adj area or RA or cell) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and \$registrat\$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:44
S4	0	second adj (SGSN or core adj network) and second adj BSS and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and \$registrat\$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:44
S5	0	SGSN same BSS same pre?regist\$9 and (routing adj area or RA) and neighbor\$ and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:45
S6	0	SGSN same BSS same pre?regist\$9 and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:46
S7	0	SGSN same BSS and pre?regist\$9 and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:46
S8	7	SGSN same BSS and regist\$9 and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:46

S9	3	SGSN same BSS and regist\$9 and (routing adj area or RA) and neighbor\$8 and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:51
S10	1	SGSN same BSS and regist\$9 and (routing adj area or RA) and neighbor\$8 adj list and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:46
S11	0	SGSN same BSS and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) same SGSN same partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:53
S12	0	SGSN same BSS and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) same SGSN same partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:53
S14	0	SGSN same BSS and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) same SGSN and partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:54
S15	0	SGSN and (BSS or rnc or bsc) and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) same SGSN and partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:58
S16	0	SGSN and (BSS or rnc or bsc) and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:55
S17	0	SGSN and (BSS or rnc or bsc) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:55
S18	2	SGSN and partial\$3 with regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:55

S19	3	SGSN and (BSS or rnc or bsc) and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and (plural\$7 or multiple) adj5 SGSN and regist\$9 with updat\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:00
S20	5	SGSN and (BSS or rnc or bsc) and (routing adj area or RA) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and (plural\$7 or multiple) adj5 SGSN and (regist\$9 or location) with updat\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:13
S21	8	SGSN and (BSS or rnc or bsc) and (handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and (plural\$7 or multiple) adj5 SGSN and (regist\$9 or location) with updat\$3	US-PGPUB; USPAT	OR	ON	2005/03/03 14:16
S22	3	S21 not S20 not motorola.as.	US-PGPUB; USPAT	OR	ON	2005/03/03 14:14
S23	8	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and (plural\$7 or multiple) adj5 SGSN and (pre?regist\$9 or location) with updat\$3	US-PGPUB; USPAT	OR	ON	2005/03/03 14:17
S24	0	S23 not S21	US-PGPUB; USPAT	OR	ON	2005/03/03 14:17
S25	163	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and (pre?regist\$9 or location) with updat\$3	US-PGPUB; USPAT	OR	ON	2005/03/03 14:20
S26	2	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and pre?regist\$9	US-PGPUB; USPAT	OR	ON	2005/03/03 14:34
S27	113	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and location adj3 updat\$3	US-PGPUB; USPAT	OR	ON	2005/03/03 14:49
S28	30	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and location adj3 updat\$3	USPAT	OR	ON	2005/03/03 14:44
S29	1	((handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and location adj3 updat\$3).ab.	USPAT	OR	ON	2005/03/03 14:34

S30	0	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and location adj3 updat\$3 and partial\$ adj7 regist\$9	US-PGPUB; USPAT	OR	ON	2005/03/03 14:40
S31	1	(handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and partial\$ adj7 regist\$9	US-PGPUB; USPAT	OR	ON	2005/03/03 14:40
S32	0	((handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and location adj3 updat\$3) and pre?regist\$7 and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 14:50
S33	61	((handoff or hand?off or hand adj off or hand?over or handover or hand adj over) and SGSN and location adj3 updat\$3) and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 14:52
S34	0	S33 and partial\$3 adj5 (regist\$7 or updat\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:51
S35	1	S33 and partial\$3 with (regist\$7 or updat\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:51
S36	27	((handoff or hand?off or hand adj off) and SGSN and location adj3 updat\$3) and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 15:01
S37	1	SGSN same (neighbor?list or neighbor\$3 adj2 list\$3) and location adj3 updat\$3 and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 15:14
S38	1	SGSN same (neighbor?list or neighbor\$3 adj2 list\$3) and location adj3 updat\$3 and @pd<"20031125" and "6463055". pn. and area	US-PGPUB; USPAT	OR	ON	2005/03/03 15:04
S39	1	SGSN same (neighbor?list or neighbor\$3 adj2 list\$3) and location adj3 updat\$3 and @pd<"20031125" and "6463055". pn. and (rout\$3 or cover\$5) adj2 area	US-PGPUB; USPAT	OR	ON	2005/03/03 15:06
S40	34	Inter?SGSN adj20 updat\$3	US-PGPUB; USPAT	OR	ON	2005/03/03 15:06



S41	19	Inter?SGSN adj20 updat\$3 and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 15:13
S42	1	S41 and (neighbor?list or neighbor\$3 adj2 list\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 15:14
S43	2	SGSN and (neighbor?list or neighbor\$3 adj2 list\$3) and location adj3 updat\$3 and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 15:15
S44	2	SGSN and (neighbor?list or neighbor\$3 adj5 list\$3) and location adj3 updat\$3 and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 15:15
S45	4	SGSN and (neighbor?list or neighbor\$3 adj5 list\$3) and (location or routing) adj3 updat\$3 and @pd<"20031125"	US-PGPUB; USPAT	OR	ON	2005/03/03 15:16
S48	7	sgsn and stor\$3 with neighbor\$3 with list	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 16:24
S49	5	"455".clas. and (hand?off or hand\$3 adj2 off or handoff) same sgsn and (neighbor\$3 near5 list\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 19:34
S50	1	"455".clas. and (hand?off or hand\$3 adj2 off or handoff) same sgsn and (assembl\$3 or buil\$4 or creat\$3) adj10 (neighbor\$3 near5 list\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 19:35
S51	1	(hand?off or hand\$3 adj2 off or handoff) same sgsn and (assembl\$3 or buil\$4 or creat\$3) adj10 (neighbor\$3 near5 list\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 19:35
S52	3	(hand?off or hand\$3 adj2 off or handoff or hand?over or hand\$3 adj3 over or handover) same sgsn and (assembl\$3 or buil\$4 or creat\$3) adj10 (neighbor\$3 near5 list\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 19:36
S57	1	simultan\$9 with register\$3 same sgsn	USPAT	OR	ON	2005/03/11 09:24

S61	0	simultan\$9 with register\$3 same sgsn and (hand?off handoff hand adj off hand?over hand adj over handover)	US-PGPUB	OR	ON	2005/03/11 09:25
S62	0	simultan\$9 with register\$3 same sgsn and (hand?off handoff hand adj off hand?over hand adj over handover roams\$3)	US-PGPUB	OR	ON	2005/03/11 09:25
S66	1	(inter?SGSN inter?connect\$5 adj SGSN) same (simultan\$7 concurrent\$3) with (register\$3 location adj updat\$3 rout\$3 with updat\$3)	USPAT	OR	ON	2005/03/11 10:18
S67	1	(inter?SGSN inter?connect\$5 adj SGSN) same (simultan\$7 concurrent\$3) with (register\$3 location adj updat\$3 rout\$3 with updat\$3)	US-PGPUB	OR	ON	2005/03/11 13:46
S68	4	("5905954"   "6101387"   "6463055"   "6529490").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/11 13:05
S69	1	("5905954"   "6101387"   "6463055"   "6529490").PN. and (location or rout\$3) with updat\$3 with request	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/11 13:08
S72	766	"370".clas. and (wireless or mobile or cellular) and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3)	USPAT	OR	ON	2005/03/11 13:53
S73	713	"370".clas. and (wireless or mobile or cellular) and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3)	US-PGPUB	OR	ON	2005/03/11 13:44
S74	27	"370".clas. and (wireless or mobile or cellular) and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) same (RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off)	USPAT	OR	ON	2005/03/11 13:53
S75	3	S74 and (inter?SGSN inter?connect\$5 adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 13:54

S76	3	S74 and (inter?SGSN (inter?connect\$5 inter?switch\$3) adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 13:56
S77	10	S73 and (inter?SGSN inter?connect\$5 adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 13:54
S79	1479	"370".clas. and (wireless or mobile or cellular) and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3)	US-PGPUB; USPAT	OR	ON	2005/03/11 13:53
S80	50	"370".clas. and (wireless or mobile or cellular) and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) same (RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off)	US-PGPUB; USPAT	OR	ON	2005/03/11 14:15
S81	4	S80 and (inter?SGSN inter?connect\$5 adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:14
S83	13	S76 S77	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:05
S84	0	S83 and (simultan\$9 concurrent\$3 "same") with register\$3 with (sgsn or bss or bsc or RAI RA rout\$3 with area servic\$3 with area)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:15
S85	1	S83 and neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:08
S86	1	S83 and neighbor\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:08

S87	1	S83 and updat\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:08
S88	21	S79 and (inter?SGSN inter?connect\$5 adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:15
S89	451	"370".clas. and (wireless or mobile or cellular) and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off)	US-PGPUB; USPAT	OR	ON	2005/03/12 11:32
S90	7	S89 and (inter?SGSN inter?connect\$5 adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:08
S91	5	S89 and (simultan\$9 concurrent\$3 "same") with register\$3 with (sgsn or bss or bsc or RAI RA rout\$3 with area servic\$3 with area)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:43
S92	9	"370".clas. and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off) and (re?regist\$7 reregister\$9) with (sgsn or bss or bsc or RAI RA rout\$3 with area servic\$3 with area)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:44
S93	14	"370".clas. and (location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (servic\$3 with area RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off) and (re?regist\$7 reregister\$9) with (sgsn or bss or bsc or RAI RA rout\$3 with area servic\$3 with area)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/13 11:29
S94	0	S93 and (inter?SGSN inter?connect\$5 adj SGSN)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:55



S95	1	S93 and (inter?SGSN inter?connect\$5 adj SGSN inter?msc inter?connect\$5 adj msc inter?pd?n interconnect\$6 adj pd?n)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:56
S96	285	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off).ab. and (RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off)	US-PGPUB; USPAT	OR	ON	2005/03/12 11:49
S97	1	S96 and (pre?regist\$9 re?regist\$9).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 11:35
S98	5	S96 and (pre?regist\$9 re?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 11:35
S99	8	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (RAI\$2 RA with (id\$1 or identi\$7) hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (neighbor\$3 with list\$3 or neighbor\$3list\$3 cell?list\$3 cell\$3 with list\$3)	US-PGPUB; USPAT	OR	ON	2005/03/12 12:09
S10 0	3	S99 and (fast\$3 quick\$3 short\$3 less) with (location with updat\$3 or regist\$9 updat\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:07
S10 1	285	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off).ab.	US-PGPUB; USPAT	OR	ON	2005/03/12 12:09
S10 2	113	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off).ti.	US-PGPUB; USPAT	OR	ON	2005/03/12 12:09

S10 3	2	S102 and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (location with updat\$3 or regist\$9 updat\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:14
S10 4	4	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) same (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (location with updat\$3 or regist\$9 updat\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:22
S10 5	7	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (location with updat\$3 or regist\$9 updat\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:28
S10 6	3	S105 not S104	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:22
S10 7	4	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (pre?regist\$9 or regist\$9 re?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:29

S10 8	1	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (pre?regist\$9 re?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:29
S10 9	1	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (pre?regist\$9 re?regist\$9 prior?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:30
S11 0	1	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) same (pre?regist\$9 re?regist\$9 prior?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/13 11:29
S11 1	0	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand?off) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) with (location with updat\$3 or regist\$9 updat\$3) and prior?regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:31

S11 2	1	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand\$3off hand\$3 with over hand\$3over) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (fast\$3 quick\$3) same (pre?regist\$9 re?regist\$9 prior?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:33
S11 3	9	((location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and hand\$3 with off hand\$3off hand\$3 with over hand\$3over) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n core?network core adj network) and (pre?regist\$9 prior?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:58
S11 4	9	S113 not (S106 S107)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:42
S11 5	1	S114 and inter?network\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:37
S11 6	6	S113 not intra-network	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:43
S11 7	3	S113 and intra?network\$1	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 12:43



S11 8	0	(location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (pre?regist\$9 prior?regist\$9) with neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:00
S11 9	0	(location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (pre?regist\$9 prior?regist\$9) same neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:00
S12 0	0	(location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (pre?regist\$9 prior?regist\$9) and neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:00
S12 1	0	(location with updat\$3 or registrat\$3 with updat\$3 or servic\$3 with area with updat\$3) and (inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (pre?regist\$9 prior?regist\$9)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:01
S12 2	0	(inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (pre?regist\$9 prior?regist\$9) same neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:01
S12 3	0	(inter?msc inter?connect\$4 with msc inter?sgsn inter?connect\$4 with sgsn inter?pd?n inter?connect\$4 with pd?n) and (pre?regist\$9 prior?regist\$9) and neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:02

S12 4	0	(pre?regist\$9 prior?regist\$9) same neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:02
S12 5	1	(pre?regist\$9 prior?regist\$9 regist\$9 with before) same neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:03
S12 6	13	(pre?regist\$9 prior?regist\$9 ((partial\$4 before) with regist\$9)) with (channel\$4 neighbor\$3) with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:09
S12 7	23	(pre?regist\$9 prior?regist\$9 ((partial\$4 before) with regist\$9)) same (channel\$4 neighbor\$3) with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:09
S12 8	11	S127 and ("370".clas. "455".clas.) and wireless	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:10
S13 0	5	S128 not S126	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:12
S13 1	2	370/310-356.ccls. and pre?regist\$9 and neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:13
S13 2	3	370/310-356.ccls. and (pre?regist\$9 preregist\$9) and neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:18
S13 3	0	370/310-356.ccls. and concur\$9 with regist\$9 and neighbor\$3 with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:19
S13 4	0	370/310-356.ccls. and concur\$9 with regist\$9 and (neighbor\$3 cell\$3) with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:20

S13 5	2	(370/310-356.ccls. "455".clas.) and concur\$9 with regist\$9 and (neighbor\$3 cell\$3) with list\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 13:20
S15 1	13	roam\$3 with pre\$3regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 16:40
S15 2	20	(hand\$4off handoff hand\$4 with off) with pre\$3regist\$9	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 16:53
S15 3	0	S152 and (inter\$3SGSN inter\$3MSC inter\$3pdsn interconnect\$4 with (sgsn msc pdsn))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 16:56
S15 4	6	S152 and (neighbor\$3 cell with list)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 16:55
S15 5	0	S154 and (inter\$3SGSN inter\$3MSC inter\$3pdsn interconnect\$4 with (sgsn msc pdsn))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/12 16:56
S16 2	15	sgsn with ggsn with (ha fa (home foreign) with agent)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/13 11:06
S16 3	6	S162 and (handoff hand\$4off hand\$4 adj off handover hand\$4over hand\$4 adj over)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/13 11:07
S16 4	5	(neighbor\$3 cell) with (list\$3 network\$3) with (assembl\$3 buil\$5 creat\$3 form\$3 develop\$3 establish\$3 produc\$3) and pre?regist\$8 and (hand?off handoff)	USPAT	OR	ON	2005/03/13 11:31

S16 5	5	(neighbor\$3 cell) with (list\$3 network\$3) with (assembl\$3 buil\$5 creat\$3 form\$3 develop\$3 establish\$3 produc\$3) and (pre?regist\$8 and (hand?off handoff hand\$4 adj off)	USPAT	OR	ON	2005/03/13 11:32
S16 6	0	(neighbor\$3 cell) with (list\$3 network\$3) with (assembl\$3 buil\$5 creat\$3 form\$3 develop\$3 establish\$3 produc\$3) and (pre?regist\$8 preregist\$8 automatic\$7 with regist\$8) same (minimiz\$3 reduc\$3 decreas\$3) with (signa\$5 tim\$3) and (hand?off handoff hand\$4 adj off)	USPAT	OR	ON	2005/03/13 11:34
S16 7	1	(neighbor\$3 cell) with (list\$3 network\$3) with (assembl\$3 buil\$5 creat\$3 form\$3 develop\$3 establish\$3 produc\$3) and (pre?regist\$8 preregist\$8 automatic\$7 with regist\$8) same (minimiz\$3 reduc\$3 decreas\$3) with (signa\$5 tim\$3) and (hand?off handoff hand\$4 adj off)	US-PGPUB	OR	ON	2005/03/13 11:36
S16 8	1	(neighbor\$3 cell) with (list\$3 network\$3) with (assembl\$3 buil\$5 creat\$3 form\$3 develop\$3 establish\$3 produc\$3) and (pre?regist\$8 preregist\$8 automatic\$7 with regist\$8) same (minimiz\$3 reduc\$3 decreas\$3) with (signa\$5 tim\$3) and (hand?off handoff hand\$4 adj off) and neighbor\$3 and old and new and source and target	US-PGPUB	OR	ON	2005/03/13 11:37
S18 9	35	(handoff hand\$4off hand\$4 adj off handover hand\$4over hand\$4 adj over) same "rfc 2002"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/13 16:56
S19 0	8	(handoff hand\$4off hand\$4 adj off handover hand\$4over hand\$4 adj over) same "rfc 2002"	USPAT	OR	ON	2005/03/13 17:07
S19 1	0	(handoff hand\$4off hand\$4 adj off handover hand\$4over hand\$4 adj over) with (Rout\$3 adj3 area RA\$2) same "rfc 2002"	USPAT	OR	ON	2005/03/13 17:08
S19 2	1245	(handoff hand\$4off hand\$4 adj off handover hand\$4over hand\$4 adj over) with (Rout\$3 adj3 area RA\$2)	USPAT	OR	ON	2005/03/13 17:23



S19 3	37	S192 with (neighbor\$3 cell) with (list\$3 network\$3)	USPAT	OR	ON	2005/03/13 17:09
S19 4	1	S192 with (neighbor\$3 cell) with (list\$3 network\$3) same select\$3 with (measur\$7 strenght\$4)	USPAT	OR	ON	2005/03/13 17:11
S19 5	0	S192 with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4) same (sgsn pdsn)	USPAT	OR	ON	2005/03/13 17:12
S19 6	0	S192 with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4) and (sgsn pdsn)	USPAT	OR	ON	2005/03/13 17:12
S19 7	0	S192 with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4) and core with network\$3	USPAT	OR	ON	2005/03/13 17:13
S19 8	2	S192 with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4)	USPAT	OR	ON	2005/03/13 17:20
S19 9	2	S192 with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4) and (Rout\$3 adj3 area RA\$2)	USPAT	OR	ON	2005/03/14 14:07
S20 0	663	(handoff hand\$4off hand\$4 adj off) with (Rout\$3 adj3 area RA\$2)	USPAT	OR	ON	2005/03/13 17:26
S20 1	52	S200 same (select\$3 determin\$8) with (measur\$7 strenght\$4)	USPAT	OR	ON	2005/03/13 17:25
S20 2	2	S200 with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4) and (Rout\$3 adj3 area RA\$2)	USPAT	OR	ON	2005/03/13 17:24
S20 3	2	(handoff hand\$4off hand\$4 adj off) with (Rout\$3 adj3 area RA\$2) with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4)	USPAT	OR	ON	2005/03/13 17:27
S20 4	0	(handoff hand\$4off hand\$4 adj off) with (neighbor\$3 cell) with (list\$3 network\$3) same (select\$3 determin\$8) with (measur\$7 strenght\$4) and (Rout\$3 adj3 area RAI RA)	USPAT	OR	ON	2005/03/13 17:28

S20 5	0	(handoff hand\$4off hand\$4 adj off) with neighbor\$3 with (list\$3 network\$3) and (select\$3 determin\$8) with (measur\$7 strenght\$4) same (Rout\$3 adj3 area RAI RA)	USPAT	OR	ON	2005/03/13 17:29
S20 6	2	(handoff hand\$4off hand\$4 adj off) with neighbor\$3 with (list\$3 network\$3) and (select\$3 determin\$8) with (measur\$7 strenght\$4) and (Rout\$3 adj3 area RAI RA)	USPAT	OR	ON	2005/03/13 17:29
S20 8	259	pdp adj context adj request	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:12
S20 9	45	pdp adj context adj request	USPAT	OR	ON	2005/03/14 14:12
S21 1	11	(hand\$4off hand\$4 adj off hand\$4over hand\$4 adj over) and Sgsn same (cpu or processor) same (memor\$3 buffer\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:23
S21 2	4	(hand\$4off hand\$4 adj off hand\$4over hand\$4 adj over) and Sgsn same (cpu or processor) same (memor\$3 buffer\$4) and bss	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:37
S21 3	0	(hand\$4off hand\$4 adj off hand\$4over hand\$4 adj over) and Sgsn same (cpu or processor) same (memor\$3 buffer\$4) same bss	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:23
S21 4	1	Sgsn with (cpu or processor) with (memor\$3 buffer\$4) same bss	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:39
S21 5	0	Sgsn with (cpu or processor) with (memor\$3 buffer\$4) same bss	USPAT	OR	ON	2005/03/14 14:37
S21 6	0	foreign\$4 adj3 agent with (cpu or processor) with (memor\$3 buffer\$4) same bss	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:38
S21 7	3	Sgsn with (cpu or processor) with (memor\$3 buffer\$4) and bss	USPAT	OR	ON	2005/03/14 17:05

S21 8	3	Sgsn with (cpu or processor) with (memor\$3 buffer\$4) and bss and regist\$9	USPAT	OR	ON	2005/03/14 15:43
S21 9	1	Sgsn with (cpu or processor) with (memor\$3 buffer\$4) and bss and registration	USPAT	OR	ON	2005/03/14 15:44
S22 3	59	Foreign adj agent with advertis\$9	USPAT	OR	ON	2005/03/15 09:15
S22 4	0	Foreign adj agent with advertis\$9 same (hand-off handoff hand adj off) and neighbor\$3 with list	USPAT	OR	ON	2005/03/15 09:15
S22 5	1	Foreign adj agent with advertis\$9 same (hand-off handoff hand adj off) and neighbor\$3	USPAT	OR	ON	2005/03/15 09:18
S22 6	1	Foreign adj agent with advertis\$9 same (hand-off handoff hand adj off)	USPAT	OR	ON	2005/03/15 09:18
S22 7	1	Foreign adj agent with advertis\$9 with (hand-off handoff hand adj off)	USPAT	OR	ON	2005/03/15 09:18
S22 8	37	(base adj station bss bts bs) with broadcast with (hand-off handoff hand adj off)	USPAT	OR	ON	2005/03/15 09:20
S22 9	12	(base adj station bss bts bs) with broadcast with (hand-off handoff hand adj off) same (rout\$3 near3 area servic\$3 near3 area ra rai\$3 identif\$7 id)	USPAT	OR	ON	2005/03/15 09:53
S23 0	0	(bss base adj station adj subsystem) with broadcast with (hand-off handoff hand adj off) same (rout\$3 near3 area servic\$3 near3 area ra rai\$3 identif\$7 id)	USPAT	OR	ON	2005/03/15 09:50
S23 1	0	(bss base adj station adj subsystem) same broadcast with (hand-off handoff hand adj off) same (rout\$3 near3 area servic\$3 near3 area ra rai\$3 identif\$7 id)	USPAT	OR	ON	2005/03/15 09:50